



Bureau of Safety and Environmental Enforcement

BSEE's "Equipment Subject to BAST Assessment" Process

September 1, 2020

"To promote safety, protect the environment and conserve resources offshore through vigorous regulatory oversight and enforcement."

BSEE Mission Statement

“To promote safety, protect the environment and conserve resources offshore through vigorous regulatory oversight and enforcement.”

Background

- The Outer Continental Shelf Lands Act (OCSLA), section 21 (43 U.S.C. § 1347(b)), states that the Secretary of the Interior *"shall require, on all new drilling and production operations and, wherever practicable, on existing operations, the use of the best available and safest technologies which the Secretary determines to be economically feasible, wherever failure of equipment would have a significant effect on safety, health, or the environment, except where the Secretary determines that the incremental benefits are clearly insufficient to justify the incremental costs of utilizing such technologies."*
- BSEE has developed an Equipment Subject to BAST (EStB) assessment process. This information packet is a description of what BSEE will do to implement the process.
- BID 2019-107N – Drilling Equipment Subject to the BAST Statutory Requirement and their corresponding Performance Requirements was signed in December of 2019 and updated to version 2 (V2) in July 2020.

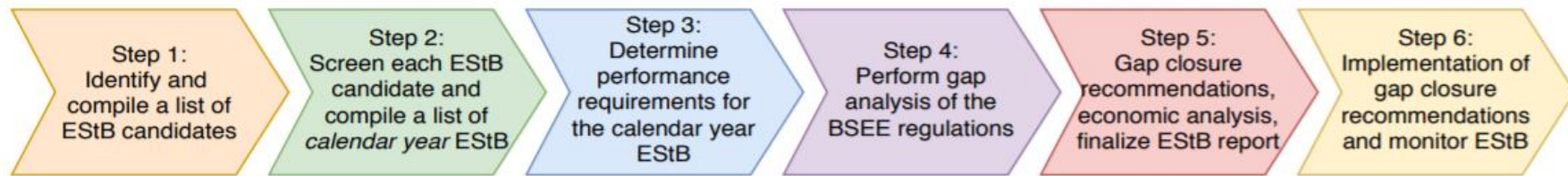
BSEE's Equipment Subject to BAST Process

Governing Principles

- EStB must be physical equipment.
- The equipment has the potential to function or functions as a primary barrier, secondary barrier, or is non-barrier equipment that is part of the safety system and mitigates against a potentially undesirable event (we will call this a mitigator).
- Equipment failure could result in a significant effect.
- The equipment must be proven, available, and ready to assess.

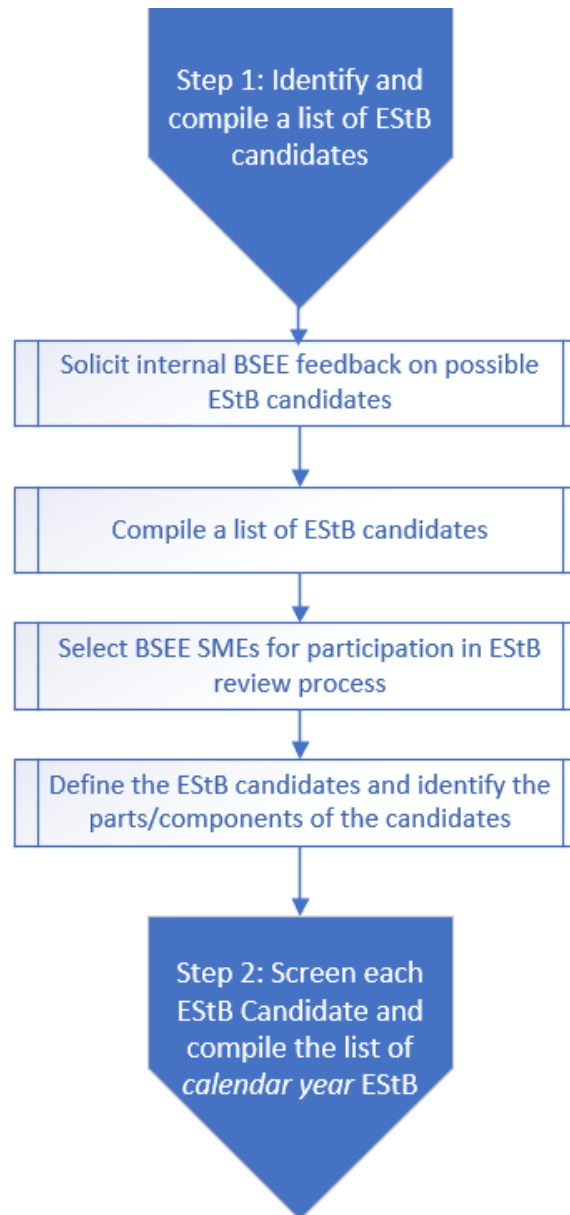
Proposed Equipment Subject to BAST (EStB) Process

Overview

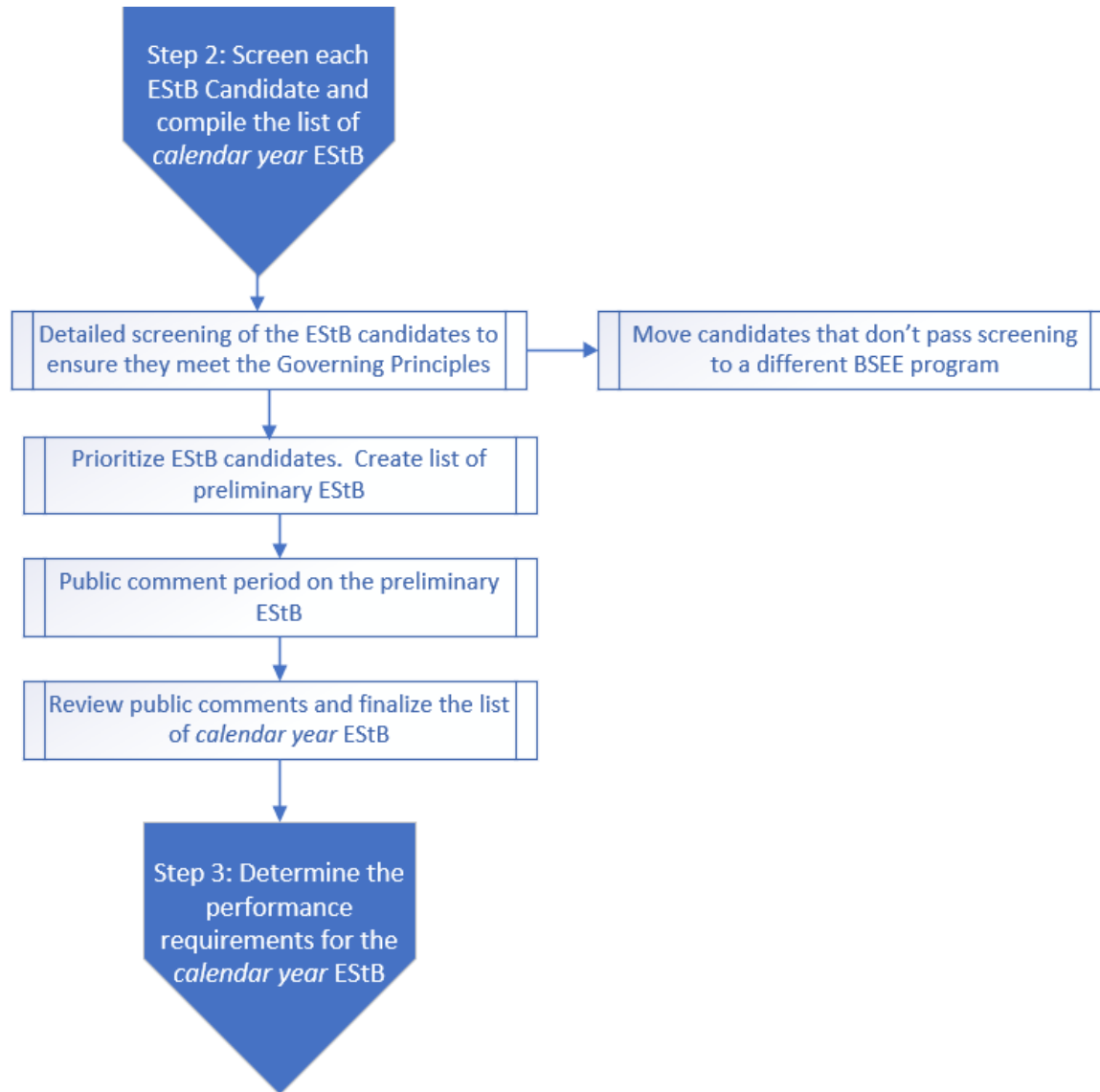


- 6 Steps – 5 process steps and 1 implementation step.
- BSEE has developed detailed processes for how it will execute each step.
- EStB process focuses on what the equipment should be able to do, not how the equipment accomplishes that task.

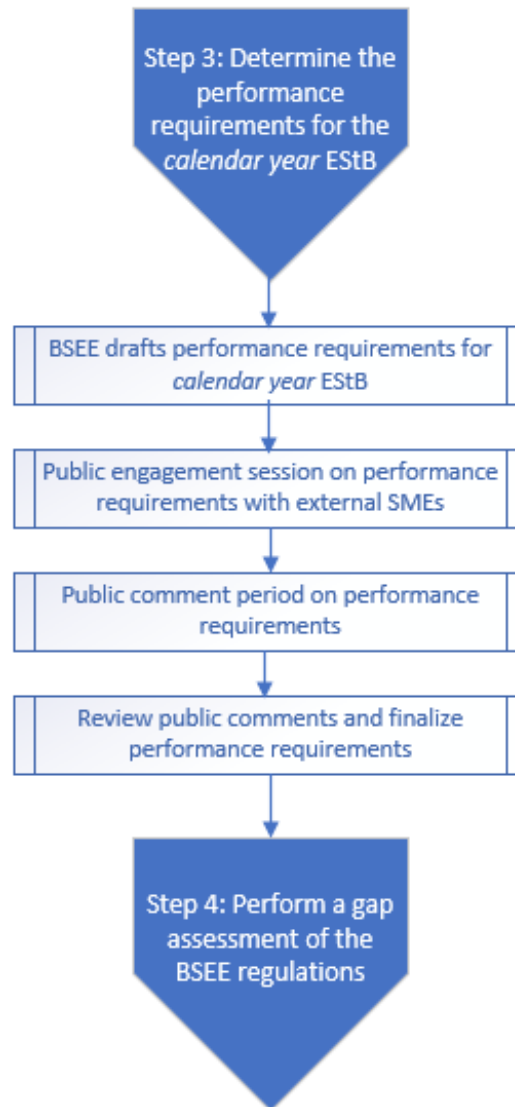
Step 1: BSEE will identify and compile a list of EStB Candidates



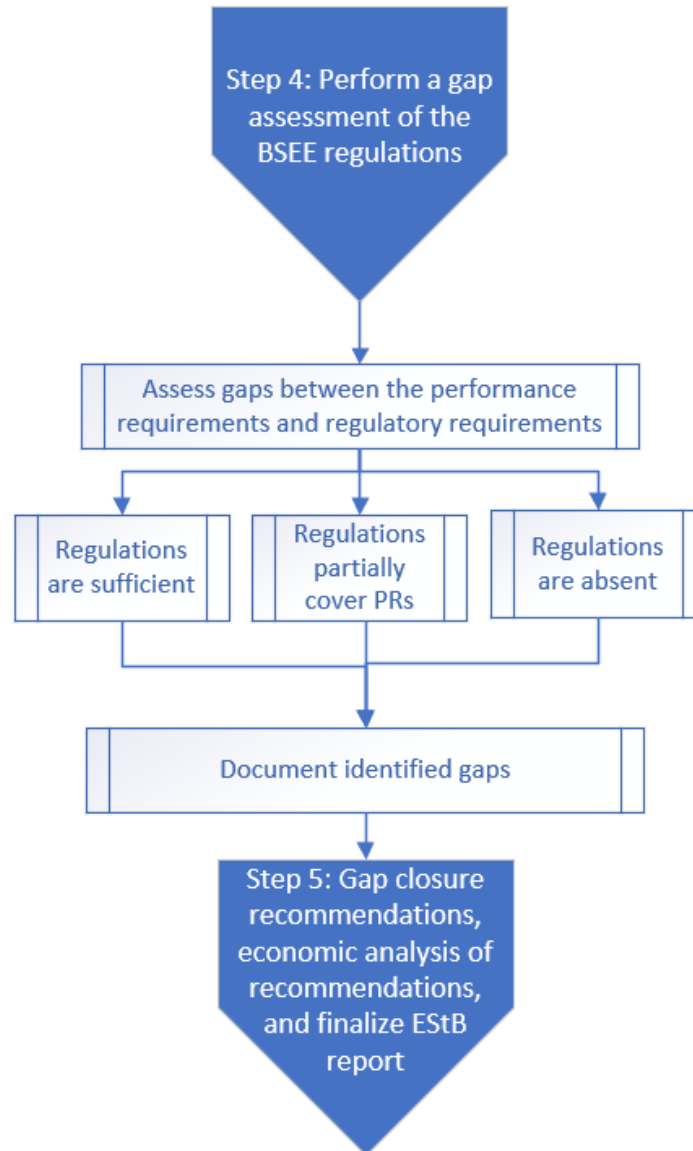
Step 2: BSEE will screen each EStB candidate and compile the *Calendar Year* EStB List



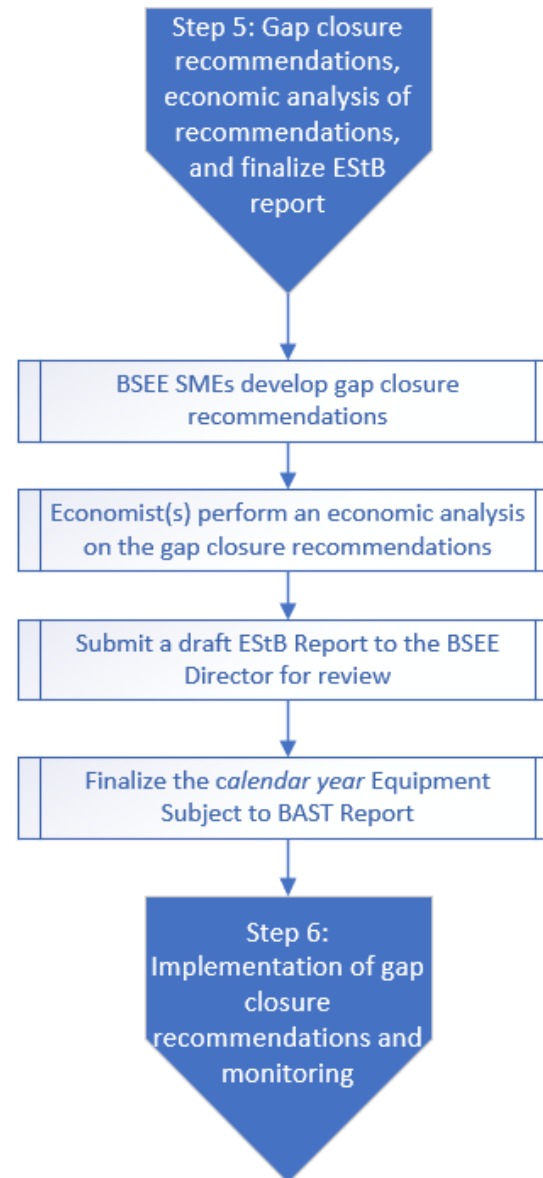
Step 3: BSEE will determine the performance requirements for the *Calendar Year* EStB



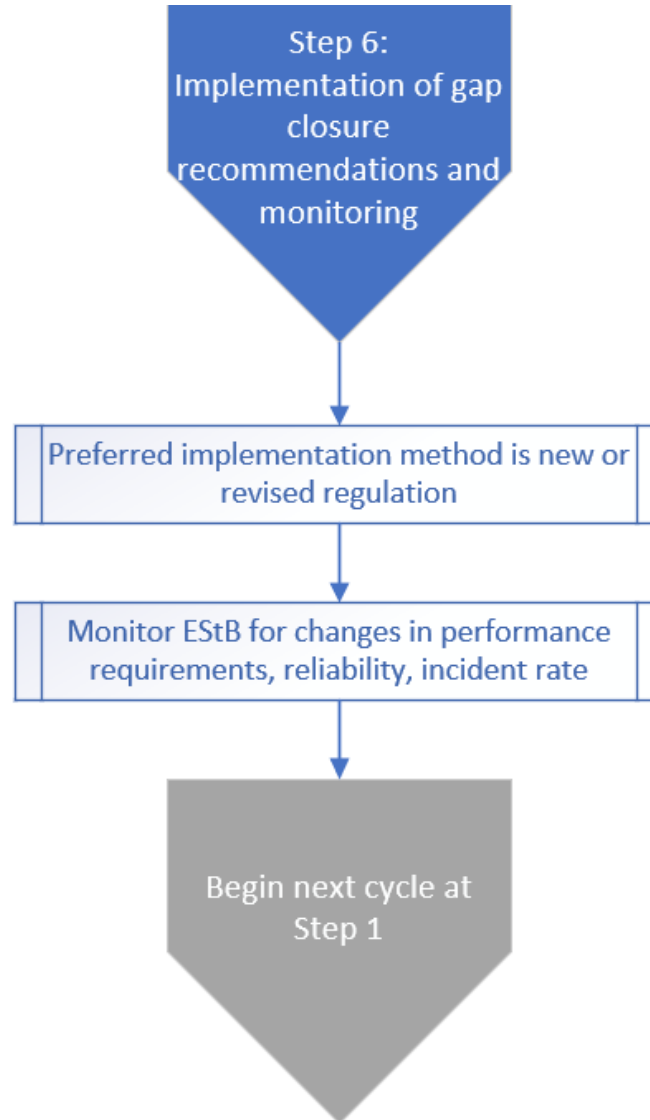
Step 4: BSEE will perform a gap assessment of the BSEE regulations



Step 5: BSEE will conduct an economic analysis of recommendations and finalize an EStB Report



Step 6: BSEE will implement gap closure recommendations and monitoring



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